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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : JOHANN ORTNER and JOHANN SEEMANN
Serial No.: 09/622,301
Filed : August 16, 2000
For : TUBULAR REACTOR FOR CATALYTIC REACTIONS

October 31, 2000

Hon. Commissioner of Patents
& Trademarks
Washington, DC 20231

Sir:

SUPPLEMENTAL PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified
patent application as follows:

IN THE CLAIMS:

Please amend claims 1, 5-10 as follows:

1. (Twice Amended) A tubular reactor for catalytic gas
phase reactions with a heat carrier [that circulates]
circulating around a contact tube bundle inside a reactor
jacket, the tube bundle extending between a tube plate at
the gas inlet side and a tube plate at the reaction gas
outlet side beginning or ending there and sealed to it,
with gas inlet and gas outlet hoods spanning the face sides
of the two tube plates, and with a heat insulation zone that
borders on the heat carrier side on the tube plate at the
gas inlet side,

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